

Safety Data Sheet

Product: On-Line Free
Chlorine Buffer
Product Code: 602
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SECTION 1 - IDENTIFICATION OF PREPARATION AND COMPANY

PRODUCT	On-Line Free Chlorine Buffer		
APPLICATION	For Water Testing Applications Only	PRODUCT CODE	602
COMPANY DETAILS	Blue I Technologies LTD Hashaked st. 3, Rishpon 46915, Israel Telephone: 972-9-9558797 Fax: 972-9-9559037		

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

(Declarable ingredients)				
Substance	Amount (% w/w)	CAS No.	EC No.	Symbol-Letter(s) and Risk Phrases
Lithium Hydroxide Monohydrate	<10	1310-66-3	215-183-4	C, R22, R35.

SECTION 3 - HAZARD IDENTIFICATION

Fire	This preparation is not flammable.
Health	Minimal hazard during normal handling and use as instructed.
Environment	No hazards reported, but data limited.

SECTION 4 - FIRST AID MEASURES

Eye/Skin Contact	Wash with plenty of water. Seek medical attention if irritation occurs.
Inhalation	Seek medical attention if irritation occurs.
Ingestion	Give plenty of water to drink. SEEK MEDICAL ATTENTION IMMEDIATELY.
Symptoms of Exposure	Unknown.
Advice to Physicians	Preparation is corrosive and can cause burns. Treatment should be symptomatic and supportive.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media	Product is not flammable. All extinguisher types may be used.
Special Fire-Fighting Precautions	None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid handling preparation.
Environmental Precautions	Prevent large quantities of material from entering watercourses.
Clean-up Methods	Flush away material with large volumes of water or absorb onto inert absorbent granules. Wash area with plenty of water.

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SECTION 7 - HANDLING AND STORAGE MEASURES

Handling	Avoid handling preparation. Use only as instructed.
Storage	Store in original container. Keep dry. Keep away from children and animals.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls	None Required	Eye Protection	None Required
Hand Protection	None Required	Respiratory protection	None Required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Colour and Odour	Colourless liquid with no odour.		
Solubility in Water	Completely miscible.		
pH	Exact pH unknown, however solution is strongly alkaline.		
Melting Point (°C)	Unknown	Boiling Point (°C)	Unknown
Flash Point (°C)	Unknown	Auto Ignition Temp (°C)	Unknown
Other Information			

SECTION 10 - STABILITY AND REACTIVITY

Conditions to Avoid	Exposure of reagent packs to heat and moisture.
Materials to Avoid	Acids.
Hazardous Decomposition Products	Unknown.

SECTION 11 - TOXICOLOGICAL INFORMATION

Inhalation	Irritating to the respiratory system.	Ingestion	Harmful if swallowed
Eye Contact	Irritating to the eyes.	Skin Contact	Irritating to the skin.
Chronic Effects	Unknown.	Other	Unknown.

SECTION 12 - ECOLOGICAL INFORMATION

Acute Toxicity	Unknown.	Degradation	Unknown.
Mobility in Soil	Unknown.	Bioaccumulation	Unknown.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste	Dispose of used test solutions in accordance with local regulations.
Packaging	Consider recycling of cardboard and paper. All packaging can be disposed of as standard refuse for landfill or incineration.

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SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name	Not classified under UN transport regulations		
UN Number	N/A	UN Class Number	N/A
UN Packing Group	N/A	Danger Labels	N/A

SECTION 15 - REGULATORY INFORMATION

Classification	Corrosive.	Risk Symbols	C.
Risk Phrases	R22, R34.	Safety Phrases	S26, S28, S46.

SECTION 16 - OTHER INFORMATION

Risk Phrase Index	R22 = Harmful if swallowed. R34 = Causes burns. R35 = Causes severe burns.
Safety Phrase Index	S26 = In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 = In case of contact with skin, rinse immediately with plenty of water. S46 = If swallowed seek medical advice immediately and show this documentation.
Restrictions	The preparation referred to in this sheet is for use in Palintest water testing systems only.
Revision Date	12 July 2002
Changes in this Version	Revised to ensure compliance with CHIP 2002 regulations.
Sources of Data used in Compilation of Sheet	Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
Statement	This safety data sheet was prepared in compliance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
Disclaimer	<p>The above information is intended to give general health and safety guidance on the storage and transport of the preparation to which it relates. It is not intended to apply to the use of the preparation – for this purpose the relevant product labels and instruction documentation should be observed along with any recommendations arising from any risk assessment involving the preparation.</p> <p>This sheet is not intended to be a definitive source of advice, although it is believed to be correct at time of publication.</p>